

CONFIGURATION CHANGE REQUEST (CCR) Part A		CCR SEQUENCE NUMBER 22	
1. BASIS FOR CCR <input type="checkbox"/> CORRECTIVE <input type="checkbox"/> PROBLEM PREVENTION <input checked="" type="checkbox"/> IMPROVEMENT		2. SUBMITTING AUTHORITY (Name & Org Code) Bruce Baker, NCDC	
		3. PHONE NUMBER 828-271-4018	4. SUBMISSION DATE 3/27/07
5. COGNIZANT TECHNICAL INDIVIDUAL Mark Hall, ATDD		6. PHONE NUMBER 865-576-0366	
7. TITLE OF CHANGE Install wetness sensor all sites.			
8. TYPE OF CHANGE <input checked="" type="checkbox"/> HARDWARE <input type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		9. EFFECTIVITY <input checked="" type="checkbox"/> SYSTEM <input type="checkbox"/> SPECIFIC SITE	
10. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY The Geonor precipitation gauge occasionally indicates precipitation occurs when none actually occurs. This is due partially to “noisy” wires, and also other unexplained physical factors. The accumulation of the individual false reports can cause significant over-reporting of precipitation totals over time.			
11. KNOWN OR PROPOSED SOLUTION The installation of the wetness sensor will provide a check as to if precipitation is actually occurring when measured by the Geonor. The precipitation processing algorithm will include the logic to incorporate the wetness sensor reading to determine real precipitation occurrences. Datalogger software version 1.301 (the conversion to binary data) will support the inclusion of the wetness sensor readings in the data stream.			
12. REQUIRED CHANGE DATE April 1, 2007		13. RATIONALE FOR REQUIRED CHANGE DATE Wetness sensors are already installed at all CRN installed sites.	
14. RISK FACTOR FOR CHANGE <input type="checkbox"/> LOW <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/> HIGH		15. DECISION AUTHORITY LEVEL <input type="checkbox"/> FAST TRACK (* e.g.; correct documentation) <input checked="" type="checkbox"/> USCRN CCB ONLY <input type="checkbox"/> PMC	
16. USCRN CCB DISPOSITION <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED <input type="checkbox"/> RECOMMEND APPROVAL		16. AUTHORIZING SIGNATURE	
		18. DISPOSITION DATE	
19. PMC DISPOSITION <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		20. AUTHORIZING SIGNATURE	
		21. DISPOSITION DATE	

CONFIGURATION CHANGE REQUEST (CCR) Part B		CCR SEQUENCE NUMBER	
		22	
1. APPROVED SOLUTION			
2. WORK AUTHORIZATION NUMBER		3. ASSIGNED ACTION ENGINEER	
FUNDING INFORMATION		FUNDING SOURCE	COST DATA
Wetness sensors already procured, installed and incorporated into the USCRN QA/QC			
4. DEVELOPMENT COSTS			
5. OPERATIONAL TEST AND EVALUATION COSTS			
6. PRODUCTION COSTS		CRN	\$703/site
7. COMMUNICATION SERVICE/CIRCUIT COSTS			
8. IMPLEMENTATION SUPPORT COSTS			
9. LIFE CYCLE SUPPORT COSTS			
10. TOTAL ESTIMATED COSTS			\$87875.00
SUPPORT INFORMATION AND SCHEDULES			
11. DEVELOPMENT SCHEDULE & STATUS		12. PROCUREMENT SCHEDULE & STATUS	
Wetness sensors are already installed all sites.		Wetness sensors are already installed all sites.	
13. IMPLEMENT/RETROFIT SCHEDULE & STATUS		14. REQUIRED CLEARANCES/WAIVERS/LICENSES	
Wetness sensors are already installed all sites.			
15. PHYSICAL ITEMS & DOCUMENTS AFFECTED		16. LOGISTICS IMPACTS	
17. OPERATIONS IMPACTS		18. STAFF RESOURCES IMPACTS	
IMPLEMENTATION			
19. PLANNED IMPLEMENTATION DATE		20. CHANGE NOTICE NUMBER	
		CRN-CCR22	
21. CHANGE NOTICE ISSUE DATE		22. CHANGE COMPLETION DATE	